

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 101552,381  
Source: EFWSP  
Date Processed by STIC: 10/20/06

***ENTERED***



IFWP

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/552,381**

**DATE: 10/20/2006**  
**TIME: 14:47:56**

**Input Set : A:\070820016U1.txt**  
**Output Set: N:\CRF4\10202006\J552381.raw**

```

4 <110> APPLICANT: BALDWIN, Graham S.
5      BARNHAM, Kevin J.
6      PANNNEQUIN, Julie
7      TANTIONGCO, John-Paul
8      SHULKES, Arthur
9      NORTON, Raymond S.
10     KOVAC, Suzana
11     HE, Hong
12     SHEEHAN, Brian P.
14 <120> TITLE OF INVENTION: Method of Treatment
16 <130> FILE REFERENCE: 07082.0016U1
18 <140> CURRENT APPLICATION NUMBER: 10/552,381
19 <141> CURRENT FILING DATE: 2005-10-07
21 <150> PRIOR APPLICATION NUMBER: PCT/AU2004/000474
22 <151> PRIOR FILING DATE: 2004-04-08
24 <150> PRIOR APPLICATION NUMBER: US 60/461083
25 <151> PRIOR FILING DATE: 2003-04-08
27 <160> NUMBER OF SEQ ID NOS: 19
29 <170> SOFTWARE: PatentIn version 3.1
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 80
33 <212> TYPE: PRT
34 <213> ORGANISM: Homo sapiens
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39 1           5           10          15
42 Ala Asn Arg Asp Leu Glu Leu Pro Trp Leu Glu Gln Gln Gly Pro Ala
43           20          25          30
46 Ser His His Arg Arg Gln Leu Gly Pro Gln Gly Pro Pro His Leu Val
47           35          40          45
50 Ala Asp Pro Ser Lys Lys Gln Gly Pro Trp Leu Glu Glu Glu Glu
51           50          55          60
54 Ala Tyr Gly Trp Met Asp Phe Gly Arg Arg Ser Ala Glu Asp Glu Asn
55 65           70          75          80
58 <210> SEQ ID NO: 2
59 <211> LENGTH: 7
60 <212> TYPE: PRT
61 <213> ORGANISM: Homo sapiens
W--> 62 <400> SEQUENCE: 2
64 Glu Glu Glu Glu Ala Tyr
65 1           5
68 <210> SEQ ID NO: 3
69 <211> LENGTH: 7

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Input Set : A:\070820016U1.txt

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70 <212> TYPE: PRT  
 71 <213> ORGANISM: Homo sapiens  
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 74 Leu Glu Glu Glu Glu Ala  
 75 1 5  
 78 <210> SEQ ID NO: 4  
 79 <211> LENGTH: 18  
 80 <212> TYPE: PRT  
 81 <213> ORGANISM: Homo sapiens  
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 83 <221> NAME/KEY: MISC\_FEATURE  
 84 <222> LOCATION: (1)..(1)  
 85 <223> OTHER INFORMATION: pyroglutamate  
 88 <400> SEQUENCE: 4  
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 91 1 5 10 15  
 94 Phe Gly  
 98 <210> SEQ ID NO: 5  
 99 <211> LENGTH: 17  
 100 <212> TYPE: PRT  
 101 <213> ORGANISM: Homo sapiens  
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 103 <221> NAME/KEY: MOD\_RES  
 104 <222> LOCATION: (17)..(17)  
 105 <223> OTHER INFORMATION: AMIDATION  
 W--> 108 <220> FEATURE:  
 109 <221> NAME/KEY: MISC\_FEATURE  
 110 <222> LOCATION: (1)..(1)  
 111 <223> OTHER INFORMATION: pyroglutamate  
 114 <400> SEQUENCE: 5  
 W--> 116 Xaa Gly Pro Trp Leu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp  
 117 1 5 10 15  
 120 Phe  
 124 <210> SEQ ID NO: 6  
 125 <211> LENGTH: 4  
 126 <212> TYPE: PRT  
 127 <213> ORGANISM: Homo sapiens  
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 129 <221> NAME/KEY: MISC\_FEATURE  
 130 <222> LOCATION: (1)..(1)  
 131 <223> OTHER INFORMATION: pyroglutamate  
 134 <400> SEQUENCE: 6  
 W--> 136 Xaa Gly Pro Trp  
 137 1  
 140 <210> SEQ ID NO: 7  
 141 <211> LENGTH: 11  
 142 <212> TYPE: PRT  
 143 <213> ORGANISM: Homo sapiens  
 W--> 144 <220> FEATURE:

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145 <221> NAME/KEY: MISC\_FEATURE  
146 <222> LOCATION: (1)..(1)  
147 <223> OTHER INFORMATION: pyroglutamate  
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153 1 5 10  
156 <210> SEQ ID NO: 8  
157 <211> LENGTH: 7  
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159 <213> ORGANISM: Homo sapiens  
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162 Tyr Gly Trp Met Asp Phe Gly  
163 1 5  
166 <210> SEQ ID NO: 9  
167 <211> LENGTH: 14  
168 <212> TYPE: PRT  
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173 1 5 10  
176 <210> SEQ ID NO: 10  
177 <211> LENGTH: 18  
178 <212> TYPE: PRT  
179 <213> ORGANISM: Artificial Sequence  
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181 <223> OTHER INFORMATION: Based on Human Ggly  
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184 <221> NAME/KEY: MISC\_FEATURE  
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186 <223> OTHER INFORMATION: pyroglutamate  
189 <400> SEQUENCE: 10  
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192 1 5 10 15  
195 Phe Gly  
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200 <211> LENGTH: 18  
201 <212> TYPE: PRT  
202 <213> ORGANISM: Artificial Sequence  
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204 <223> OTHER INFORMATION: Based on Human Ggly  
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207 <221> NAME/KEY: MISC\_FEATURE  
208 <222> LOCATION: (1)..(1)  
209 <223> OTHER INFORMATION: pyroglutamate  
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215 1 5 10 15  
218 Phe Gly  
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RAW SEQUENCE LISTING  
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Input Set : A:\070820016U1.txt  
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223 <211> LENGTH: 18  
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225 <213> ORGANISM: Artificial Sequence  
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227 <223> OTHER INFORMATION: Based on Human Ggly  
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230 <221> NAME/KEY: MISC\_FEATURE  
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232 <223> OTHER INFORMATION: pyroglutamate  
235 <400> SEQUENCE: 12  
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238 1 5 10 15  
241 Phe Gly  
245 <210> SEQ ID NO: 13  
246 <211> LENGTH: 18  
247 <212> TYPE: PRT  
248 <213> ORGANISM: Artificial Sequence  
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250 <223> OTHER INFORMATION: Based on Human Ggly  
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253 <221> NAME/KEY: MISC\_FEATURE  
254 <222> LOCATION: (1)..(1)  
255 <223> OTHER INFORMATION: pyroglutamate  
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261 1 5 10 15  
264 Phe Gly  
268 <210> SEQ ID NO: 14  
269 <211> LENGTH: 17  
270 <212> TYPE: PRT  
271 <213> ORGANISM: Artificial Sequence  
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273 <223> OTHER INFORMATION: Based on Human Gamide  
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276 <221> NAME/KEY: MISC\_FEATURE  
277 <222> LOCATION: (1)..(1)  
278 <223> OTHER INFORMATION: pyroglutamate  
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283 <222> LOCATION: (17)..(17)  
284 <223> OTHER INFORMATION: AMIDATION  
287 <400> SEQUENCE: 14  
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290 1 5 10 15  
293 Phe  
297 <210> SEQ ID NO: 15  
298 <211> LENGTH: 17  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,381

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Input Set : A:\070820016U1.txt

Output Set: N:\CRF4\10202006\J552381.raw

W--&gt; 301 &lt;220&gt; FEATURE:

302 &lt;223&gt; OTHER INFORMATION: Based on Human Ggly

W--&gt; 304 &lt;220&gt; FEATURE:

305 &lt;221&gt; NAME/KEY: MISC\_FEATURE

306 &lt;222&gt; LOCATION: (1)..(1)

307 &lt;223&gt; OTHER INFORMATION: pyroglutamate

W--&gt; 310 &lt;220&gt; FEATURE:

311 &lt;221&gt; NAME/KEY: MOD\_RES

312 &lt;222&gt; LOCATION: (17)..(17)

313 &lt;223&gt; OTHER INFORMATION: AMIDATION

316 &lt;400&gt; SEQUENCE: 15

W--&gt; 318 Xaa Gly Pro Trp Leu Glu Glu Ala Ala Glu Ala Tyr Gly Trp Met Asp

319 1 5 10 15

322 Phe

326 &lt;210&gt; SEQ ID NO: 16

327 &lt;211&gt; LENGTH: 9

328 &lt;212&gt; TYPE: PRT

329 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 330 &lt;220&gt; FEATURE:

331 &lt;223&gt; OTHER INFORMATION: Based on Human Ggly

333 &lt;400&gt; SEQUENCE: 16

335 Leu Glu Glu Glu Glu Ala Tyr Gly

336 1 5

339 &lt;210&gt; SEQ ID NO: 17

340 &lt;211&gt; LENGTH: 6

341 &lt;212&gt; TYPE: PRT

342 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 343 &lt;220&gt; FEATURE:

344 &lt;223&gt; OTHER INFORMATION: Based on Human Ggly

346 &lt;400&gt; SEQUENCE: 17

348 Leu Glu Glu Glu Glu Glu

349 1 5

352 &lt;210&gt; SEQ ID NO: 18

353 &lt;211&gt; LENGTH: 6

354 &lt;212&gt; TYPE: PRT

355 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 356 &lt;220&gt; FEATURE:

357 &lt;223&gt; OTHER INFORMATION: Based on Human Ggly

359 &lt;400&gt; SEQUENCE: 18

361 Glu Glu Glu Glu Glu Ala

362 1 5

365 &lt;210&gt; SEQ ID NO: 19

366 &lt;211&gt; LENGTH: 5

367 &lt;212&gt; TYPE: PRT

368 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 369 &lt;220&gt; FEATURE:

370 &lt;223&gt; OTHER INFORMATION: Based on Human Ggly

372 &lt;400&gt; SEQUENCE: 19

374 Glu Glu Glu Glu Glu

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/552,381

DATE: 10/20/2006  
TIME: 14:47:57

Input Set : A:\070820016U1.txt  
Output Set: N:\CRF4\10202006\J552381.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 1

Seq#:5; Xaa Pos. 1

Seq#:6; Xaa Pos. 1

Seq#:7; Xaa Pos. 1

Seq#:10; Xaa Pos. 1

Seq#:11; Xaa Pos. 1

Seq#:12; Xaa Pos. 1

Seq#:13; Xaa Pos. 1

Seq#:14; Xaa Pos. 1

Seq#:15; Xaa Pos. 1

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/552,381

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Input Set : A:\070820016U1.txt  
Output Set: N:\CRF4\10202006\J552381.raw

L:62 M:283 W: Missing Blank Line separator, <400> field identifier  
L:72 M:283 W: Missing Blank Line separator, <400> field identifier  
L:82 M:283 W: Missing Blank Line separator, <220> field identifier  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:102 M:283 W: Missing Blank Line separator, <220> field identifier  
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:128 M:283 W: Missing Blank Line separator, <220> field identifier  
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:144 M:283 W: Missing Blank Line separator, <220> field identifier  
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:160 M:283 W: Missing Blank Line separator, <400> field identifier  
L:170 M:283 W: Missing Blank Line separator, <400> field identifier  
L:180 M:283 W: Missing Blank Line separator, <220> field identifier  
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:203 M:283 W: Missing Blank Line separator, <220> field identifier  
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:226 M:283 W: Missing Blank Line separator, <220> field identifier  
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:249 M:283 W: Missing Blank Line separator, <220> field identifier  
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:272 M:283 W: Missing Blank Line separator, <220> field identifier  
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:301 M:283 W: Missing Blank Line separator, <220> field identifier  
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:330 M:283 W: Missing Blank Line separator, <220> field identifier  
L:343 M:283 W: Missing Blank Line separator, <220> field identifier  
L:356 M:283 W: Missing Blank Line separator, <220> field identifier  
L:369 M:283 W: Missing Blank Line separator, <220> field identifier